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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF LEVELS, TRENDS AND TURNOVER RATES

JOB SERVICE

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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY BUREAU OF EMPLOYMENT SECURITY

In cooperation with the United States Bureau of Labor Statistics

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- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
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PENNSYLVANIA EMPLOYMENT & EARNINGS
DECEMBER 1979

Total unemployment in Pennsylvania, both seasonally adjusted and unadjusted, declined in December.

Seasonally adjusted, the rate of unemployment was reduced to 7.3 percent of the total civilian labor force in December from 7.5 percent in November. The volume of unemployment was 393,000 in December, down 13,000 from November. In spite of the reductions, unemployment remained above the levels of the previous year. Last December, seasonally adjusted unemployment was 359,000, with a rate of 6.7 percent.

The unadjusted rate of unemployment moved down to 6.6 percent in December from 6.9 percent in November. Unemployed workers numbered 355,000 in December, a drop of 14,000 from November. One year ago, unemployment was 320,000 and the rate was 6.0 percent.

With the December data included, the 1979 annual average unemployment in Pennsylvania was 367,000, with a rate of 6.9 percent. Annual average unemployment for 1978 was also 6.9 percent.

Nationwide, the December seasonally adjusted rate was 5.9 percent of the total civilian labor force, up slightly from 5.8 percent in November. The unadjusted rate was 5.6 percent in December, unchanged from November.

FACTORY JOBS DECLINE

As monthly trends are viewed from year to year, December's job picture did not appear to be especially stimulating nor drastically foreboding. Modest changes were in evidence overall.

Factory jobs were down 3,400. With a slightly stronger emphasis in nondurable industries, the losses appeared with nearly equal strengths among durable and nondurables alike. Only three industries in the entire manufacturing array reported job gains; PRINTING AND PUBLISHING, up 700; NONELECTRICAL MACHINERY, up 600 and FABRICATED METALS, an increase of 300. APPAREL took the sharpest plunge, down 1,000. LEATHER, CHEMICALS, TOBACCO, INSTRUMENTS and MISCELLANEOUS MANUFACTURERS held the line on jobs. All other manufacturing industries were on the negative side.

A year ago, factory jobs totaled 6,300 more than at present. Durable industries managed to hold on to a slight job advantage over the twelve month period with a +6,400. Nondurables, on the other hand, suffered a setback of nearly 13,000. The range in over the year changes ran from +3,400 in TRANSPORTATION EQUIPMENT to -7,900 in APPAREL.

Consistent with the employment trends for December, hours and earnings also exhibited a certain restraint. The average hourly rate for production workers was $7.33 - up three cents from November. Increases in hourly earnings were very subdued all along the manufacturing front. A few declines were noted but most industries reflected gains, averaging from one to ten cents.

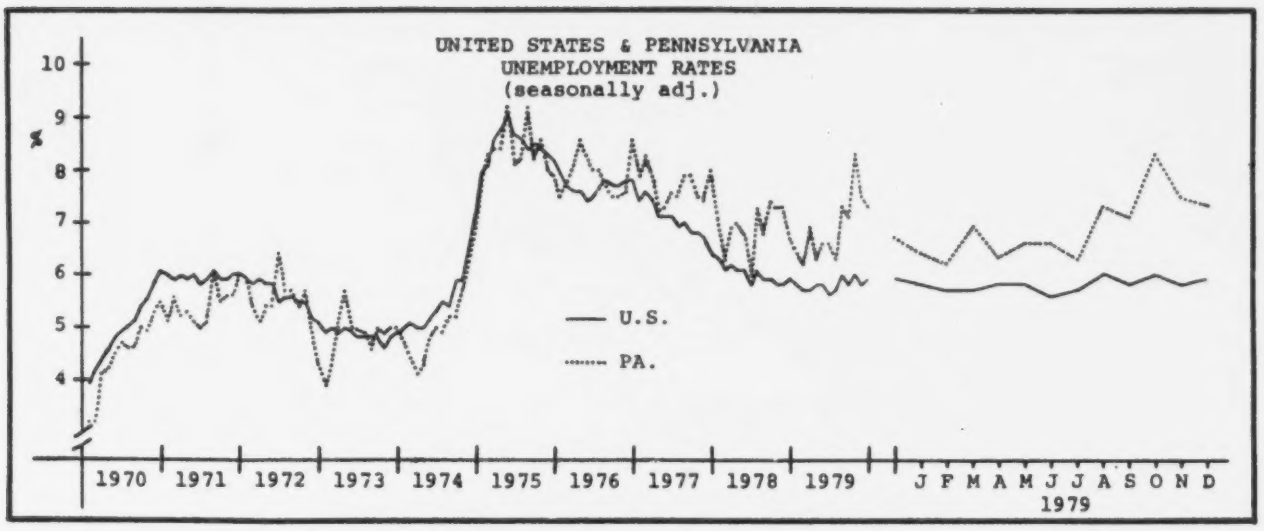
Weekly manhours showed more activity. With an overall drop in the workweek of four-tenths of an hour, the most significant curtailments occurred in MISCELLANEOUS MANUFACTURERS and LUMBER - down two hours and 1.4 hours, respectively. TOBACCO industries averaged an hour-and-a-half more working time in December and PRINTING firms registered a gain of 1.3 hours.

Nationally, factory production workers averaged $6.97 an hour - up ten cents over November - and worked a 41.0 hour week compared with the previous month's 40.4 hours.

With respect to turnover in Pennsylvania factories, new hires and quits were down. Layoffs increased and recalls held steady. Total accessions, which include new hires, rehires and transfers, were down 24 percent. Separations registered a six percent decline.

NONFACTORY JOBS DIP SLIGHTLY

There appeared to be nothing alarming in nonmanufacturing job statistics during December. Losses in most cases were light. CONSTRUCTION carried the brunt downward with a -10,400, TRANSPORTATION fell 4,200 and jobs in SERVICES declined 2,700. RETAIL TRADE registered a modest seasonal gain of 5,800; GOVERNMENT increased 9,200. Over the twelve month period, SERVICES gained more than 26,000 jobs. Conversely, RETAIL TRADE lost 17,500.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1978 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1977. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision.

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1961	4,508.0	4,080.9	427.1	9.5		70,459.0	65,746.0	4,714.0	6.7	
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,833.0	4,618.0	215.0	4.4		82,715.0	78,627.0	4,088.0	4.9	
1971	4,803.0	4,543.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,875.0	4,609.0	265.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,069.0	4,647.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,168.0	4,770.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,252.0	4,888.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1978 Dec	5,347.0	5,026.0	320.0	6.0	6.7	101,632.0	95,906.0	5,725.0	5.6	5.9
1979 Jan	5,276.0	4,900.0	376.0	7.1	6.4	100,867.0	94,436.0	6,431.0	6.4	5.8
Feb	5,240.0	4,845.0	394.0	7.5	6.2	101,249.0	94,765.0	6,484.0	6.4	5.7
Mar	5,277.0	4,865.0	412.0	7.8	6.9	101,665.0	95,501.0	6,165.0	6.1	5.7
Apr	5,186.0	4,866.0	320.0	6.2	6.3	101,236.0	95,675.0	5,561.0	5.5	5.8
May	5,217.0	4,922.0	294.0	5.6	6.6	101,473.0	96,220.0	5,253.0	5.2	5.8
Jun	5,343.0	4,959.0	384.0	7.2	6.6	104,153.0	97,917.0	6,235.0	6.0	5.6
Jul	5,398.0	5,058.0	340.0	6.3	6.3	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug	5,350.0	4,977.0	373.0	7.0	7.3	104,363.0	98,226.0	6,137.0	5.9	6.0
Sep	5,301.0	4,944.0	357.0	6.7	7.1	103,373.0	97,576.0	5,798.0	5.6	5.8
Oct	5,364.0	4,938.0	426.0	7.9	8.3	103,939.0	98,158.0	5,781.0	5.6	6.0
Nov	5,375.0	5,006.0	369.0	6.9	7.5	103,719.0	97,943.0	5,776.0	5.6	5.8
Dec	5,348.0	4,993.0	355.0	6.6	7.3	103,884.0	98,047.0	5,846.0	5.6	5.9

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From–	
	Dec. 1979	Nov. 1979	Dec. 1978	Nov. 1979	Dec. 1978
TOTAL CIVILIAN LABOR FORCE	5,348.0	5,375.0	5,347.0	-27.0	1.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	355.0	369.0	320.0	-14.0	35.0
% CIVILIAN LABOR FORCE	6.6	6.9	6.0	-0.3	0.6
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	393.0	406.0	359.0	-13.0	34.0
% CIVILIAN LABOR FORCE	7.3	7.5	6.7	-0.2	0.6
TOTAL EMPLOYMENT	4,993.0	5,006.0	5,026.0	-13.0	-33.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From–	
	Dec. 1979	Nov. 1979	Dec. 1978	Nov. 1979	Dec. 1978
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,751.0	4,754.4	4,740.3	-3.4	10.7
LABOR-MANAGEMENT DISPUTES	9.0	6.3	5.5	2.7	3.5
ALL MANUFACTURING INDUSTRIES	1,364.9	1,368.3	1,371.2	-3.4	-6.3
TOTAL NONMANUFACTURING INDUSTRIES	3,377.1	3,379.8	3,363.6	-2.7	13.5
Mining	51.2	51.9	52.9	-0.7	-1.7
Anthracite	3.0	3.1	3.1	-0.1	-0.1
Bituminous	39.1	39.6	41.4	-0.5	-2.3
Nonmetallic minerals	4.8	5.0	4.6	-0.2	0.2
Contract Construction	187.9	198.3	192.5	-10.4	-4.6
General building	49.0	51.8	50.8	-2.8	-1.8
Heavy construction	38.0	43.1	38.3	-5.1	-0.3
Special trades	100.9	103.4	103.4	-2.5	-2.5
Transportation	162.8	167.0	168.0	-4.2	-5.2
Railroads	42.2	43.7	44.9	-1.5	-2.7
Public Utilities	103.3	103.4	101.6	-0.1	1.7
Communications	54.1	54.2	53.3	-0.1	0.8
Electric, gas & sanitary service	49.2	49.2	48.3	0.0	0.9
Electric systems	23.6	23.6	22.9	0.0	0.7
Gas production	11.3	11.3	11.1	0.0	0.2
Wholesale trade	229.3	229.0	228.3	0.3	1.0
Retail trade	762.2	756.4	779.7	5.8	-17.5
General merchandise stores	137.8	132.3	146.4	5.5	-8.6
Department stores	122.5	117.2	129.5	5.3	-7.0
Finance, insurance & real estate	237.8	237.7	231.1	0.1	6.7
Banking	78.6	78.2	75.6	0.4	3.0
Commercial & stock savings	72.5	72.2	69.8	0.3	2.7
Credit agencies & securities	30.9	30.7	29.3	0.2	1.6
Insurance	70.2	70.3	69.0	-0.1	1.2
Life insurance	25.9	26.0	25.8	-0.1	0.1
Fire, marine & casualty	29.6	29.6	28.5	0.0	1.1
Services	928.0	930.7	901.9	-2.7	26.1
Business services	116.9	116.9	116.1	0.0	0.8
Health services	296.8	296.4	291.7	0.4	5.1
Nursing & personal care	47.8	47.6	46.0	0.2	1.8
Hospitals	184.5	184.6	180.0	-0.1	4.5
Educational service	139.5	139.8	122.7	-0.3	16.8
Miscellaneous services	42.9	42.7	43.0	0.2	-0.1
Engineering & architectural	25.8	25.8	26.7	0.0	-0.9
Government	714.6	705.4	707.6	9.2	7.0
Federal	128.9	128.3	128.7	0.6	0.2
State & local	585.7	577.1	578.9	8.6	6.8

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS
(Thousands)

Year and Month	Total Manag. Wage & Salary	Private Sector Wage & Salary	All Manu-facturing	Total Non-Manu-facturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,669.9	3,951.9	1,362.1	3,307.8	46.6	195.3	969.6	226.5	743.1
1978 Dec.	4,734.8	4,027.2	1,371.2	3,363.6	52.9	192.5	1,008.0	228.3	779.7
1979 Jan.	4,634.7	3,934.0	1,364.3	3,270.5	52.7	166.1	968.7	228.0	740.7
Feb.	4,619.2	3,908.1	1,363.4	3,255.8	52.0	150.7	948.6	226.3	722.3
Mar.	4,660.7	3,947.1	1,365.4	3,295.3	52.4	166.7	957.2	226.7	730.5
Apr.	4,691.8	3,976.6	1,365.5	3,326.3	52.3	185.2	965.9	228.1	737.3
May	4,732.4	4,012.2	1,368.4	3,364.0	52.8	196.3	971.0	227.0	744.0
Jun.	4,757.2	4,039.5	1,387.3	3,369.9	52.7	198.5	970.3	228.8	741.5
Jul.	4,699.4	4,006.9	1,374.3	3,325.1	52.3	205.7	956.9	229.3	727.6
Aug.	4,688.1	3,998.0	1,367.8	3,320.3	51.9	205.8	955.6	228.8	726.8
Sep.	4,698.5	4,018.5	1,376.5	3,322.0	52.3	204.9	959.6	225.9	733.7
Oct.	4,735.7	4,039.9	1,372.6	3,363.1	51.4	203.7	972.1	228.2	743.9
Nov.	4,748.1	4,042.7	1,368.3	3,379.8	51.9	198.3	985.4	229.0	756.4
Dec.	4,742.0	4,027.4	1,364.9	3,377.1	51.2	187.9	991.5	229.3	762.2

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	163.5	101.2	226.2	887.5	177.3	710.2	718.0	129.1	588.9
1978 Dec.	168.0	101.6	231.1	901.9	180.0	721.9	707.6	128.7	578.9
1979 Jan.	164.4	101.6	230.8	885.4	180.2	705.2	700.8	127.6	573.2
Feb.	164.1	101.8	232.5	895.0	180.9	714.1	711.1	126.8	584.3
Mar.	165.5	101.8	233.2	904.9	181.3	723.6	713.6	126.7	586.9
Apr.	165.0	102.1	234.1	907.0	181.3	725.7	715.2	126.7	588.5
May	168.0	102.5	235.8	917.4	181.5	735.9	720.2	127.5	592.7
Jun.	168.7	103.8	238.6	919.6	184.3	735.3	717.7	129.1	588.6
Jul.	162.0	104.4	239.6	911.7	185.1	726.6	692.5	129.6	562.9
Aug.	161.3	104.6	239.6	910.9	184.4	726.5	690.1	128.8	561.3
Sep.	166.4	103.5	237.0	918.3	184.1	734.2	680.0	127.7	552.3
Oct.	167.8	103.4	237.2	931.7	184.3	747.4	695.8	127.3	568.5
Nov.	167.0	103.4	237.7	930.7	184.6	746.1	705.4	128.3	577.1
Dec.	162.8	103.3	237.8	928.0	184.5	743.5	714.6	128.9	585.7

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

NOVEMBER 1979

Industry	Employment (Thousands)	Accession Rates: Total Nov. 1979	Total Oct. 1979	Total Nov. 1978	New Hires Nov. 1979	New Hires Oct. 1979	New Hires Nov. 1978	Recalls Nov. 1979	Recalls Oct. 1979	Recalls Nov. 1978
All Manufacturing	1,368.3	2.2	2.9	2.3	1.3	1.9	1.5	0.8	0.8	0.6
Durable Goods	845.0	1.8	2.4	2.0	1.0	1.5	1.2	0.6	0.7	0.6
Furniture & Fixtures	20.8	2.8	3.8	3.9	2.0	3.1	3.4	0.6	0.5	0.3
Stone, Clay & Glass Products	62.5	2.1	1.7	1.8	0.6	1.0	1.0	1.2	0.5	0.5
Primary Metal Industries	201.6	1.7	2.1	1.7	0.7	0.9	0.7	1.0	0.9	0.8
Fabricated Metal Products	114.7	2.4	3.2	2.6	1.4	2.1	1.4	0.9	1.1	0.9
Machinery, exc. Electrical	139.9	1.5	1.7	1.6	1.2	1.4	1.3	0.2	0.2	0.2
Electric & Electronic Equip.	129.4	1.6	1.9	2.0	1.0	1.2	1.1	0.2	0.3	0.6
Transportation Equipment	89.1	1.9	3.3	2.5	0.9	2.0	1.2	0.5	0.7	0.7
Instruments & Related Products	39.6	1.5	1.4	1.6	1.0	1.2	1.2	0.4	0.1	0.3
Miscellaneous Manufacturing	26.3	1.6	4.0	1.8	1.0	2.4	1.2	0.5	1.5	0.5
Nondurable Goods	523.3	2.9	3.7	3.0	1.7	2.5	2.1	1.0	1.0	0.7
Food & Kindred Products	98.0	3.5	4.2	4.0	2.2	2.9	2.8	1.2	1.1	0.9
Textile Mill Products	48.4	3.1	4.4	3.4	2.0	3.1	2.8	1.0	1.1	0.5
Apparel & Related Products	121.5	3.8	5.1	3.4	1.8	2.7	2.2	1.8	2.2	0.9
Paper & Allied Products	44.4	2.3	2.8	1.9	1.4	2.2	1.3	0.7	0.5	0.5
Printing & Publishing	71.6	2.3	3.0	2.5	1.8	2.5	1.6	0.5	0.4	0.8
Chemicals & Allied Products	61.4	1.4	1.9	1.4	0.9	1.4	1.0	0.4	0.4	0.3
Petroleum & Coal Products	17.3	0.9	1.1	0.7	0.7	0.9	0.5	0.1	0.1	N
Rubber & Plastics Products	40.7	2.6	3.1	2.9	1.4	2.1	2.0	0.9	0.7	0.6
Leather & Leather Products	16.5	4.3	5.6	5.8	3.4	4.9	4.2	0.7	0.4	1.1

Industry	Employment (Thousands)	Separation Rates: Total Nov. 1979	Total Oct. 1979	Total Nov. 1978	Quits Nov. 1979	Quits Oct. 1979	Quits Nov. 1978	Layoffs Nov. 1979	Layoffs Oct. 1979	Layoffs Nov. 1978
All Manufacturing	1,368.3	2.9	3.1	2.7	0.9	1.1	1.0	1.4	1.3	1.1
Durable Goods	845.0	2.3	2.7	2.1	0.6	0.8	0.6	1.2	1.2	0.9
Furniture & Fixtures	20.8	4.3	3.9	4.1	1.5	2.0	2.3	2.2	0.9	0.9
Stone, Clay & Glass Products	62.5	2.3	3.1	2.5	0.5	0.7	0.7	1.4	1.9	0.9
Primary Metal Industries	201.6	2.2	2.8	1.6	0.4	0.5	0.4	1.3	1.6	0.7
Fabricated Metal Products	114.7	2.7	3.1	3.0	0.6	0.9	0.8	1.6	1.4	1.7
Machinery, exc. Electrical	139.9	1.4	1.5	1.4	0.6	0.7	0.6	0.4	0.4	0.4
Electric & Electronic Equip.	129.4	1.7	2.2	1.9	0.5	0.7	0.7	0.6	0.8	0.7
Transportation Equipment	89.1	3.4	3.4	1.7	0.8	0.9	0.5	1.8	1.3	0.5
Instruments & Related Products	39.6	1.4	1.6	1.3	0.6	0.8	0.7	0.5	0.4	0.1
Miscellaneous Manufacturing	26.3	4.1	3.2	4.0	1.3	1.8	1.1	2.2	0.5	2.5
Nondurable Goods	523.3	3.7	3.8	3.6	1.3	1.7	1.5	1.9	1.5	1.5
Food & Kindred Products	98.0	4.2	4.8	4.2	1.6	2.0	1.9	1.8	1.9	1.7
Textile Mill Products	48.4	3.9	4.1	4.0	2.1	2.3	2.2	1.5	1.2	1.2
Apparel & Related Products	121.5	5.7	5.1	4.7	1.3	1.9	1.7	3.8	2.6	2.2
Paper & Allied Products	44.4	2.7	2.9	3.3	1.0	1.2	0.8	1.1	1.0	2.0
Printing & Publishing	71.6	2.2	2.2	2.3	1.1	1.3	1.2	0.8	0.5	0.8
Chemicals & Allied Products	61.4	1.2	1.7	1.4	0.6	0.7	0.6	0.3	0.6	0.4
Petroleum & Coal Products	17.3	1.8	1.4	1.5	0.3	0.3	0.3	1.0	0.5	0.7
Rubber & Plastics Products	40.7	2.9	3.5	3.0	1.0	1.3	1.3	1.3	1.1	1.1
Leather & Leather Products	16.5	7.2	7.0	7.5	3.2	4.5	4.2	3.5	1.7	2.5

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Detail
(Thousands)

SIC	Industry	Total - All Employees			Net Change From -	
		Dec. 1979	Nov. 1979	Dec. 1978	Nov. 1979	Dec. 1978
	TOTAL MANUFACTURING INDUSTRIES	1,364.9	1,368.3	1,371.2	-3.4	-6.3
	TOTAL DURABLE GOODS	843.4	845.0	837.0	-1.6	6.4
24	Lumber & wood products	20.8	21.1	21.4	-0.3	-0.6
243	Millwork, plywood & structural	7.0	7.0	7.2	0.0	-0.2
	Other lumber & wood products	13.8	14.1	14.2	-0.3	-0.4
25	Furniture & fixtures	20.3	20.8	20.9	-0.5	-0.6
251	Household furniture	9.9	10.2	9.9	-0.3	0.0
252	Office furniture	4.6	4.8	5.2	-0.2	-0.6
	Other furniture & fixtures	5.8	5.8	5.8	0.0	0.0
32	Stone, clay & glass products	62.1	62.5	63.8	-0.4	-1.7
322	Glass & glassware, pressed or blown	16.6	16.6	17.5	0.0	-0.9
3221	Glass containers	8.8	8.9	9.8	-0.1	-1.0
3229	Other pressed or blown glass	7.8	7.7	7.7	0.1	0.1
324	Hydraulic cement	3.3	3.3	3.4	0.0	-0.1
325	Structural clay products	6.4	6.4	6.5	0.0	-0.1
326	Pottery & related products	4.4	4.4	4.2	0.0	0.2
327	Concrete, gypsum & plaster products	8.7	8.9	8.6	-0.2	0.1
	Other stone, clay & glass products	22.7	22.9	23.6	-0.2	-0.9
33	Primary metal industries	201.2	201.6	201.4	-0.4	-0.2
331	Blast furnace & basic steel products	149.9	150.4	150.9	-0.5	-1.0
3312	Blast furnaces & steel mills	136.3	137.0	137.8	-0.7	-1.5
	Other basic steel products	13.6	13.4	13.1	0.2	0.5
332	Iron & steel foundries	20.7	20.5	20.5	0.2	0.2
3321	Gray iron foundries	8.0	8.1	8.2	-0.1	-0.2
3325	Steel foundries, n.e.c.	7.6	7.5	7.3	0.1	0.3
3322,4	Malleable iron & steel invest.	5.1	4.9	5.0	0.2	0.1
335	Nonferrous rolling & drawing	13.1	13.3	13.0	-0.2	0.1
336	Nonferrous foundries	7.7	7.7	7.6	0.0	0.1
	Other primary metal products	9.8	9.7	9.4	0.1	0.4
34	Fabricated metal products,(incl. ordnance)	115.0	114.7	114.5	0.3	0.5
341	Metal cans & shipping containers	4.8	4.8	5.1	0.0	-0.3
342	Cutlery, hand tools & hardware	7.5	7.6	8.0	-0.1	-0.5
343	Plumbing & heating exc. electrical	3.1	3.1	3.1	0.0	0.0
344	Fabricated structural metal products	37.1	37.2	36.9	-0.1	0.2
3441	Fabricated structural metal	9.8	9.9	9.1	-0.1	0.7
3443	Fabricated plate work (boiler shops)	11.0	10.9	11.1	0.1	-0.1
	Other fabricated struct. metal products	16.3	16.4	16.7	-0.1	-0.4
345	Screw machine products, bolts, etc.	9.0	9.0	8.3	0.0	0.7
346	Metal forgings & stampings	20.9	20.3	21.3	0.6	-0.4
3462	Iron & steel forgings	6.3	6.3	5.9	0.0	0.4
	Other metal forgings & stampings	14.6	14.0	15.4	0.6	-0.8
347,8	Metal services & ordnance, n.e.c.	8.1	8.3	8.3	-0.2	-0.2
349	Misc. fabricated metal products	24.5	24.4	23.5	0.1	1.0
3494	Valves & pipe fittings	10.9	11.0	10.4	-0.1	0.5
	Other misc. fabricated metal products	13.6	13.4	13.1	0.2	0.5
35	Machinery, exc. electrical	140.5	139.9	138.7	0.6	1.8
351	Engines & turbines	7.6	7.6	7.9	0.0	-0.3
352	Farm & garden machinery	4.6	4.5	4.3	0.1	0.3
353	Construction & related machinery	23.2	23.4	26.1	-0.2	-2.9
3531	Construction machinery	6.8	6.9	10.1	-0.1	-3.3
3535	Conveyors & conveying equipment	3.4	3.4	3.6	0.0	-0.2
	Other construction & related machinery	13.0	13.1	12.4	-0.1	0.6
354	Metal working machinery	22.2	21.9	21.6	0.3	0.6
355	Special industry machinery	15.3	15.2	14.7	0.1	0.6
356	General industrial machinery	29.7	29.7	29.5	0.0	0.2
3561	Pumps & pumping equipment	3.7	3.8	3.7	-0.1	0.0
3562	Ball & roller bearings	4.4	4.4	4.3	0.0	0.1
3563	Air & gas compressors	5.4	5.4	5.4	0.0	0.0
3567	Industrial furnaces & ovens	4.1	4.0	4.0	0.1	0.1
	Other general industrial machinery	12.1	12.1	12.1	0.0	0.0

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(cont.) Industry Detail

(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Dec. 1979	Nov. 1979	Dec. 1978	Nov. 1979	Dec. 1978
357	Office and computing machines	11.7	11.7	11.7	0.0	0.0
358	Refrigeration & service industry machinery	12.1	12.0	9.6	0.1	2.5
359	Misc. machinery, exc. electrical	14.1	13.9	13.3	0.2	0.8
36	Electric & electronic equipment	129.1	129.4	126.1	-0.3	3.0
361	Electric distributing equipment	19.0	19.2	20.0	-0.2	-1.0
3612	Transformers	6.4	6.4	6.4	0.0	0.0
3613	Switchgear & switchboard apparatus	12.6	12.8	13.6	-0.2	-1.0
362	Electrical industrial apparatus	23.3	23.3	23.8	0.0	-0.5
363	Household appliances	4.4	4.5	4.6	-0.1	-0.2
364	Electric lighting & wiring equipment	23.3	23.4	22.5	-0.1	0.8
3643	Current-carrying wiring devices	11.4	11.3	11.0	0.1	0.4
	Other electric light & wiring equipment	11.9	12.1	11.5	-0.2	0.4
366	Communication equipment	9.6	9.6	8.7	0.0	0.9
367	Electronic components & accessories	36.4	36.3	33.8	0.1	2.6
3674	Semiconductors & related devices	12.1	12.1	10.9	0.0	1.2
	Other electronic components & accessories	24.3	24.2	22.9	0.1	1.4
	Other electrical equipment & supplies	13.1	13.1	12.7	0.0	0.4
37	Transportation equipment	88.5	89.1	85.1	-0.6	3.4
371	Motor vehicles & equipment	31.1	31.8	30.0	-0.7	1.1
3714	Motor vehicle parts & accessories	11.4	11.7	12.0	-0.3	-0.6
	Other motor vehicles & equipment	19.7	20.1	18.0	-0.4	1.7
372	Aircraft & parts	12.1	12.1	11.3	0.0	0.8
373	Ship & boat building & repairing	8.4	8.5	7.6	-0.1	0.8
374	Railroad equipment	24.4	24.2	23.5	0.2	0.9
	Other transportation equipment	12.5	12.5	12.7	0.0	-0.2
38	Instruments & related products	39.6	39.6	38.9	0.0	0.7
382	Measuring & controlling devices	21.5	21.4	20.9	0.1	0.6
384	Medical instruments & supplies	11.1	11.2	11.0	-0.1	0.1
	Other instruments & related products	7.0	7.0	7.0	0.0	0.0
39	Miscellaneous manufacturing industries	26.3	26.3	26.2	0.0	0.1
	TOTAL NONDURABLE GOODS	521.5	523.3	534.2	-1.8	-12.7
20	Food & kindred products	97.8	98.0	99.2	-0.2	-1.4
201	Meat products	15.6	15.7	15.4	-0.1	0.2
2011	Meat packing plants	4.9	4.9	5.0	0.0	-0.1
2013	Sausages & other prepared meats	5.6	5.7	5.7	-0.1	-0.1
2016,7	Poultry dressing & processing	5.1	5.1	4.7	0.0	0.4
202	Dairy products	11.2	10.9	11.2	0.3	0.0
2026	Fluid milk	6.6	6.6	6.8	0.0	-0.2
	Other dairy products	4.6	4.3	4.4	0.3	0.2
203	Preserved fruits & vegetables	14.3	14.7	14.6	-0.4	-0.3
2033	Canned fruits & vegetables	6.8	6.9	6.9	-0.1	-0.1
	Other preserved fruits & vegetables	7.5	7.8	7.7	-0.3	-0.2
204	Grain mill products	4.4	4.3	4.6	0.1	-0.2
205	Bakery products	19.4	19.8	20.1	-0.4	-0.7
2051	Bread, cake & related products	15.0	15.0	15.4	0.0	-0.4
2052	Cookies & crackers	4.4	4.8	4.7	-0.4	-0.3
206	Sugar & confectionery products	15.2	14.9	15.3	0.3	-0.1
2065	Confectionery products	6.1	5.9	6.3	0.2	-0.2
2066	Chocolate & cocoa products	6.5	6.5	6.1	0.0	0.4
	Other sugar products	2.6	2.5	2.9	0.1	-0.3
208	Beverages	9.4	9.3	9.7	0.1	-0.3
	Other food & kindred products	8.3	8.4	8.3	-0.1	0.0
21	Tobacco manufacturers	3.5	3.5	4.1	0.0	-0.6
22	Textile mill products	48.1	48.4	50.5	-0.3	-2.4
222	Weaving mills, snythetics	4.2	4.3	4.5	-0.1	-0.3
225	Knitting mills	25.1	25.1	26.3	0.0	-1.2
2253	Knit outerwear mills	13.6	13.6	14.8	0.0	-1.2
2254	Knit underwear mills	4.7	4.7	4.7	0.0	0.0
	Other knitting mills	6.8	6.8	6.8	0.0	0.0
227	Floor covering mills	3.8	4.0	4.2	-0.2	-0.4
228	Yarn & thread mills	4.9	4.7	5.1	0.2	-0.2
	Other textile mill products	10.1	10.3	10.4	-0.2	-0.3

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(concl.) Industry Detail
(Thousands)

SIC	Industry	Total - All Employees			Net Change From -	
		Dec. 1979	Nov. 1979	Dec. 1978	Nov. 1979	Dec. 1978
23	Apparel & other textile products	120.5	121.5	128.4	-1.0	-7.9
231	Mens & boys suits & coats	14.7	14.4	15.7	0.3	-1.0
232	Mens & boys furnishings	24.1	24.0	25.0	0.1	-0.9
2321	Mens & boys shirts & nightwear	9.5	9.5	10.0	0.0	-0.5
2327	Mens & boys separate trousers	5.7	5.8	6.0	-0.1	-0.3
	Other furnishings and work clothing	8.9	8.7	9.0	0.2	-0.1
233	Womens & misses outerwear	53.3	54.2	58.4	-0.9	-5.1
234	Women & childrens undergarments	10.4	10.5	10.4	-0.1	0.0
236	Childrens outerwear	6.6	6.7	7.0	-0.1	-0.4
	Other apparel & textile products	11.4	11.7	11.9	-0.3	-0.5
26	Paper & allied products	44.0	44.4	45.0	-0.4	-1.0
262	Paper mills exc. building paper	11.3	11.4	11.6	-0.1	-0.3
265	Paper board containers & boxes	16.0	16.3	16.5	-0.3	-0.5
2653	Corrugated & solid fiber boxes	8.3	8.3	8.2	0.0	0.1
	Other paperboard containers	7.7	8.0	8.3	-0.3	-0.6
	Other paper & allied products	16.7	16.7	16.9	0.0	-0.2
27	Printing & publishing	72.3	71.6	71.1	0.7	1.2
271	Newspapers	25.9	25.8	25.3	0.1	0.6
273	Books	8.4	8.3	8.3	0.1	0.1
275	Commercial printing	20.4	20.0	20.2	0.4	0.2
2752	Lithographing	10.2	10.1	10.0	0.1	0.2
	Other commercial printing	10.2	9.9	10.2	0.3	0.0
276	Manifold business forms	3.8	3.8	3.7	0.0	0.1
	Other printing & publishing	13.8	13.7	13.6	0.1	0.2
28	Chemicals & allied products	61.4	61.4	60.5	0.0	0.9
281	Industrial inorganic chemicals	11.0	11.2	10.7	-0.2	0.3
282	Plastic materials & synthetics	8.6	8.6	8.4	0.0	0.2
283	Drugs	17.6	17.4	17.2	0.2	0.4
284	Soap, cleaners & toliet goods	3.1	3.2	3.3	-0.1	-0.2
285	Paints & allied products	4.3	4.3	4.3	0.0	0.0
	Other chemical & allied products	16.8	16.7	16.6	0.1	0.2
29	Petroleum & coal products	16.9	17.3	16.6	-0.4	0.3
291	Petroleum refining	13.2	13.5	13.0	-0.3	0.2
	Other petroleum & coal products	3.7	3.8	3.6	-0.1	0.1
30	Rubber & misc. plastic products	40.5	40.7	40.7	-0.2	-0.2
301	Tires & inner tubes	7.8	7.8	8.0	0.0	-0.2
306	Fabricated rubber products	5.5	5.5	5.3	0.0	0.2
	Other rubber & plastic products, n.e.c.	27.2	27.4	27.4	-0.2	-0.2
31	Leather & leather products	16.5	16.5	18.1	0.0	-1.6
314	Footwear, exc. rubber	12.6	12.5	14.2	0.1	-1.6
3143	Mens footwear, exc. athletic	4.3	4.3	5.3	0.0	-1.0
3144	Womens footwear, exc. athletic	4.5	4.4	5.1	0.1	-0.6
	Other footwear	3.8	3.8	3.8	0.0	0.0
	Other leather & leather products	3.9	4.0	3.9	-0.1	0.0

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
TOTAL MANUFACTURING INDUSTRIES	$292.47	$294.19	$270.95	39.9	40.3	40.5	$7.33	$7.30	$6.69
TOTAL DURABLE GOODS	331.28	334.98	306.08	41.0	41.6	41.7	8.08	8.05	7.34
Lumber & wood products	198.68	204.88	189.24	37.7	39.1	38.7	5.27	5.24	4.89
Millwork, plywood & structural	217.88	214.58	201.85	38.7	39.3	39.5	5.63	5.46	5.11
Other lumber & wood products	188.98	199.68	183.07	37.2	39.0	38.3	5.08	5.12	4.78
Furniture & fixtures	236.61	229.71	215.97	39.7	39.2	39.7	5.96	5.86	5.44
Household furniture	208.12	206.33	194.33	38.9	39.3	39.1	5.35	5.25	4.97
Office furniture	244.72	244.22	234.61	38.0	38.1	39.9	6.44	6.41	5.88
Other furniture & fixtures	281.59	261.20	238.73	42.6	40.0	40.6	6.61	6.53	5.88
Stone, clay & glass products	311.86	319.68	279.97	42.2	43.2	41.6	7.39	7.40	6.73
Glass & glassware, pressed or blown	293.63	296.53	265.86	40.5	40.9	40.1	7.25	7.25	6.63
Glass containers	298.62	298.96	295.24	40.3	40.4	43.1	7.41	7.40	6.85
Other pressed or blown glass	288.86	293.53	229.42	40.8	41.4	36.3	7.08	7.09	6.32
Hydraulic cement	380.70	400.79	340.86	38.3	39.8	39.0	9.94	10.07	8.74
Structural clay products	272.72	275.52	245.57	41.7	42.0	39.8	6.54	6.56	6.17
Pottery & related products	271.23	280.14	272.40	41.6	42.9	45.1	6.52	6.53	6.04
Concrete, gypsum & plaster prods.	279.68	299.64	259.53	40.3	43.3	41.0	6.94	6.92	6.33
Other stone, clay & glass prods.	360.82	365.66	306.07	46.2	46.7	43.6	7.81	7.83	7.02
Primary metal industries	422.28	425.60	368.87	40.8	41.2	41.4	10.35	10.33	8.91
Blast furnace & basic steel prods.	458.06	462.89	395.65	40.5	41.0	41.3	11.31	11.29	9.58
Blast furnaces & steel mills	466.32	470.90	400.31	40.2	40.7	41.1	11.60	11.57	9.74
Other basic steel products	380.63	377.58	347.20	43.6	43.6	43.4	8.73	8.66	8.00
Iron & steel foundries	313.47	311.81	283.29	40.5	40.6	39.9	7.74	7.68	7.10
Gray iron foundries	297.08	296.06	279.16	40.2	40.5	40.4	7.39	7.31	6.91
Steel foundries, n.e.c.	313.20	312.40	287.08	40.0	40.0	38.9	7.83	7.81	7.38
Malleable iron & steel invest.	340.27	336.15	284.26	41.7	41.5	40.9	8.16	8.10	6.95
Nonferrous rolling & drawing	335.86	335.33	300.88	42.3	42.5	42.8	7.94	7.89	7.03
Nonferrous foundries	304.98	296.96	277.76	44.2	43.8	43.4	6.90	6.78	6.40
Other primary metal products	323.53	331.27	292.72	41.8	42.8	42.3	7.74	7.74	6.92
Fabricated metal prods., incl. ordn.	299.80	299.30	285.49	40.9	41.0	41.8	7.33	7.30	6.83
Metal cans & shipping containers	360.36	355.28	333.76	44.0	43.7	43.8	8.19	8.13	7.62
Cutlery, hand tools & hardware	235.39	235.77	220.13	38.4	39.1	39.1	6.13	6.03	5.63
Plumbing & heating exc. electrical	303.70	310.07	265.52	45.6	45.8	43.6	6.66	6.77	6.09
Fabricated structural metal prods.	295.39	297.77	269.80	40.8	41.3	41.7	7.24	7.21	6.47
Fabricated struct. metal	287.65	284.17	297.54	35.6	35.3	40.1	8.08	8.05	7.42
Fab. plate work (boiler shops)	308.28	331.59	280.99	42.0	45.8	43.7	7.34	7.24	6.43
Other fab. struct. metal prods.	291.36	284.60	247.61	43.1	42.1	41.2	6.76	6.76	6.01
Screw machine products, bolts, etc.	280.71	275.27	263.13	41.1	40.6	41.9	6.83	6.78	6.28
Metal forgings & stampings	344.52	337.65	360.32	39.6	38.9	43.1	8.70	8.68	8.36
Iron & steel forgings	319.45	318.10	316.48	42.2	41.8	43.0	7.57	7.61	7.36
Other metal forgings & stampings	352.94	344.89	375.40	38.7	37.9	43.1	9.12	9.10	8.71
Metal services & ordnance, n.e.c.	279.48	286.48	251.83	41.1	41.7	40.1	6.80	6.87	6.28
Misc. fabricated metal products	286.77	287.18	276.05	41.5	41.5	41.7	6.91	6.92	6.62
Valves & pipe fittings	290.91	294.95	283.75	42.1	42.5	42.1	6.91	6.94	6.74
Other misc. fab. metal products	284.00	281.93	270.76	41.1	40.8	41.4	6.91	6.91	6.54
Machinery, exc. electrical	322.75	329.84	309.31	42.3	43.4	42.9	7.63	7.60	7.21
Engines & turbines	287.15	286.44	315.74	38.7	38.5	41.6	7.42	7.44	7.59
Farm & garden machinery	422.50	426.45	346.86	48.9	49.3	45.7	8.64	8.65	7.59
Construction & related machinery	301.41	303.56	323.09	39.4	40.1	42.4	7.65	7.57	7.62
Construction machinery	249.92	250.80	342.98	35.3	36.4	42.5	7.08	6.89	8.07
Conveyors & conveying equipment	268.49	264.26	248.61	39.6	40.1	39.4	6.78	6.59	6.31
Other constr. & related mach.	333.63	337.22	317.58	41.6	42.1	42.8	8.02	8.01	7.42
Metal working machinery	322.78	326.79	307.57	39.8	40.9	40.9	8.11	7.99	7.52
Special industry machinery	333.40	324.54	298.20	44.1	43.1	42.6	7.56	7.53	7.00
General industrial machinery	342.65	363.14	310.73	44.5	47.1	44.2	7.70	7.71	7.03
Pumps & pumping equipment	322.09	354.82	295.99	41.4	45.2	43.4	7.78	7.85	6.82
Ball & roller bearings	343.55	344.01	338.83	46.3	46.3	44.7	7.42	7.43	7.58
Air & gas compressors	423.02	436.84	329.00	50.6	53.6	46.8	8.36	8.15	7.03
Industrial furnaces & ovens	299.86	298.35	279.74	39.3	39.0	39.4	7.63	7.65	7.10
Other general industrial mach.	330.68	362.71	305.72	43.8	47.6	44.5	7.55	7.62	6.87
Office and computing machines	355.39	353.92	350.06	45.1	44.8	46.0	7.88	7.90	7.61
Refrigeration & serv. ind. mach.	280.34	282.32	243.54	42.8	43.3	41.0	6.55	6.52	5.94
Misc. machinery, exc. electrical	305.24	319.45	290.35	41.7	43.7	43.4	7.32	7.31	6.69

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
Electric & electronic equipment	$280.95	$283.73	$264.92	40.6	41.3	41.2	$6.92	$6.87	$6.43
Electric distributing equipment	327.24	324.17	317.25	41.9	42.1	42.3	7.81	7.70	7.50
Transformers	295.53	305.78	301.97	40.1	41.1	43.2	7.37	7.44	6.99
Switchgear & switchbrd apparatus	343.68	333.56	325.20	42.8	42.6	41.8	8.03	7.83	7.78
Electrical industrial apparatus	278.20	276.71	272.95	39.8	39.7	40.8	6.99	6.97	6.69
Household appliances	232.13	239.76	238.45	33.4	34.9	37.2	6.95	6.87	6.41
Electric lighting & wiring equip.	269.19	279.07	250.56	41.8	43.2	41.9	6.44	6.46	5.98
Current-carrying wiring devices	287.42	294.77	247.28	44.7	45.7	41.7	6.43	6.45	5.93
Other elect lght & wirng equip.	257.60	269.80	252.42	40.0	41.7	42.0	6.44	6.47	6.01
Communication equipment	332.84	340.69	283.15	42.4	43.4	40.8	7.85	7.85	6.94
Electronic components & access.	280.13	279.12	253.86	41.5	42.1	42.1	6.75	6.63	6.03
Semiconductors & related devices	378.84	376.59	318.08	45.1	45.1	43.1	8.40	8.35	7.38
Other electronic comp.& access.	233.23	232.40	218.82	39.8	40.7	41.6	5.86	5.71	5.26
Other electrical equip. & supplies	240.21	248.06	225.41	37.3	38.4	38.4	6.44	6.46	5.87
Transportation equipment	348.80	349.76	348.29	40.7	41.1	43.7	8.57	8.51	7.97
Motor vehicles & equipment	356.25	352.96	389.99	40.3	40.2	45.4	8.84	8.78	8.59
Motor vehicle parts & access.	385.84	362.23	417.69	42.4	40.7	48.4	9.10	8.90	8.63
Other motor vehicles & equip.	336.10	346.26	367.22	38.9	39.8	42.9	8.64	8.70	8.56
Aircraft & parts	346.23	357.86	312.75	40.9	42.4	41.7	8.47	8.44	7.50
Ship & boat building & repairing	320.25	337.19	314.36	40.9	42.9	43.3	7.83	7.86	7.26
Railroad equipment	370.76	364.80	332.11	40.3	40.0	40.8	9.20	9.12	8.14
Other transportation equipment	295.58	306.16	313.41	42.9	44.5	47.2	6.89	6.88	6.64
Instruments & related products	279.72	277.20	253.17	42.0	42.0	40.9	6.66	6.60	6.19
Measuring & controlling devices	293.51	297.65	273.37	42.6	43.2	41.8	6.89	6.89	6.54
Medical instruments & supplies	260.35	253.17	228.73	41.0	40.9	39.3	6.35	6.19	5.82
Other instruments & related prods.	264.96	249.70	230.77	41.4	39.2	40.7	6.40	6.37	5.67
Misc. manufacturing industries	256.10	272.83	255.00	39.4	41.4	40.8	6.50	6.59	6.25
TOTAL NONDURABLE GOODS	230.89	230.78	216.55	38.1	38.4	38.6	6.06	6.01	5.61
Food & kindred products	261.14	261.06	250.69	40.3	40.6	41.3	6.48	6.43	6.07
Meat products	278.22	282.05	254.07	41.9	42.8	42.7	6.64	6.59	5.95
Meat packing plants	322.93	314.93	289.08	43.0	42.5	43.8	7.51	7.41	6.60
Sausages & other prepared meats	310.02	315.59	286.23	39.9	40.1	40.6	7.77	7.87	7.05
Poultry dressing & processing	210.21	220.68	190.97	42.9	45.5	43.8	4.90	4.85	4.36
Dairy products	280.31	283.33	253.59	41.9	42.1	41.1	6.69	6.73	6.17
Fluid milk	281.24	292.87	263.30	40.7	42.2	42.4	6.91	6.94	6.21
Other dairy products	280.14	275.10	244.59	42.9	42.0	39.9	6.53	6.55	6.13
Preserved fruits & vegetables	209.06	212.60	194.05	37.6	38.1	37.9	5.56	5.58	5.12
Canned fruits & vegetables	169.78	175.01	155.61	36.2	37.0	36.7	4.69	4.73	4.24
Other preserved fruits & vegs.	248.82	249.07	230.49	39.0	39.1	39.0	6.38	6.37	5.91
Grain mill products	264.26	282.74	284.62	39.5	42.2	42.8	6.69	6.70	6.65
Bakery products	242.42	246.98	248.86	39.1	39.9	40.4	6.20	6.19	6.16
Bread, cake & related products	243.07	250.24	232.20	38.4	39.1	38.7	6.33	6.40	6.00
Cookies & crackers	241.31	239.93	290.14	40.9	41.8	44.5	5.90	5.74	6.52
Sugar & confectionery products	265.18	258.61	260.57	38.6	38.2	41.1	6.87	6.77	6.34
Confectionery products	210.16	210.60	225.36	35.5	36.0	40.9	5.92	5.85	5.51
Chocolate & cocoa products	284.74	287.52	272.90	40.3	40.1	41.6	7.14	7.17	6.56
Other sugar products	362.45	313.21	303.69	43.2	39.2	40.6	8.39	7.99	7.48
Beverages	352.35	334.05	331.01	43.5	42.5	43.9	8.10	7.86	7.54
Other food & kindred products	251.55	248.82	236.83	43.9	43.5	44.6	5.73	5.72	5.31
Tobacco manufacturers	174.87	166.02	153.27	40.2	38.7	39.2	4.35	4.29	3.91
Textile mill products	187.70	188.37	175.11	38.7	39.0	39.0	4.85	4.83	4.49
Weaving mills, snythetics	231.80	222.83	183.60	45.9	44.3	40.0	5.05	5.03	4.59
Knitting mills	170.57	171.38	160.13	37.0	37.5	37.5	4.61	4.57	4.27
Knit outerwear mills	168.35	169.95	157.19	37.0	37.6	36.9	4.55	4.52	4.26
Knit underwear mills	148.12	150.12	147.00	35.1	36.0	37.5	4.22	4.17	3.92
Other knitting mills	192.00	189.97	176.22	38.4	38.3	38.9	5.00	4.96	4.53
Floor covering mills	224.32	234.02	246.05	37.2	39.2	44.9	6.03	5.97	5.48
Yarn & thread mills	168.14	173.12	161.41	37.2	38.3	38.8	4.52	4.52	4.16
Other textile mill products	211.46	208.28	195.84	41.3	40.6	40.8	5.12	5.13	4.80

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(concl.) Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
Apparel & other textile products	$146.28	$149.77	$143.05	31.8	32.7	33.5	$4.60	$4.58	$4.27
Mens & boys suits & coats	203.97	204.57	207.50	36.1	36.4	39.6	5.65	5.62	5.24
Mens & boys furnishings	154.79	159.43	148.16	35.1	36.4	35.7	4.41	4.38	4.15
Mens & boys shirts & nightwear	151.80	152.69	147.19	34.5	35.1	35.9	4.40	4.35	4.10
Mens & boys separate trousers	170.52	169.01	159.97	33.9	33.6	34.7	5.03	5.03	4.61
Other furnishings & wrk. clothing	147.78	159.58	140.07	36.4	39.5	36.1	4.06	4.04	3.88
Womens & misses outerwear	132.31	138.57	131.21	28.7	29.8	30.8	4.61	4.65	4.26
Women & childrens undergarments	122.94	129.12	126.20	32.1	33.8	34.2	3.83	3.82	3.69
Childrens outerwear	129.30	128.53	123.28	30.0	30.1	32.7	4.31	4.27	3.77
Other apparel & textile products	149.13	145.86	131.93	34.6	34.4	33.4	4.31	4.24	3.95
Paper & allied products	308.23	303.91	285.25	45.8	45.7	44.5	6.73	6.65	6.41
Paper mills exc. building paper	398.54	393.47	353.87	48.9	49.0	46.5	8.15	8.03	7.61
Paper board containers & boxes	290.86	291.02	258.52	42.9	43.5	41.9	6.78	6.69	6.17
Corrugated & solid fiber boxes	297.46	294.99	271.75	41.2	41.2	40.2	7.22	7.16	6.76
Other paperboard containers	284.03	279.10	245.47	44.8	44.8	43.6	6.34	6.23	5.63
Other paper & allied products	277.30	273.20	271.27	47.0	46.7	45.9	5.90	5.85	5.91
Printing & publishing	289.89	276.77	268.88	38.6	37.3	37.5	7.51	7.42	7.17
Newspapers	296.56	302.58	276.96	33.7	34.7	33.9	8.80	8.72	8.17
Books	227.79	217.01	217.83	36.8	34.5	37.3	6.19	6.29	5.84
Commercial printing	311.54	288.90	286.41	41.1	39.2	38.6	7.58	7.37	7.42
Lithographing	296.11	272.70	260.07	39.8	38.3	37.1	7.44	7.12	7.01
Other commercial printing	326.13	305.16	299.60	42.3	40.1	40.0	7.71	7.61	7.49
Manifold business forms	326.20	290.29	301.34	44.2	40.6	43.8	7.38	7.15	6.88
Other printing & publishing	280.85	267.84	254.69	39.5	38.1	37.9	7.11	7.03	6.72
Chemicals & allied products	304.29	311.75	287.80	41.4	42.3	42.7	7.35	7.37	6.74
Industrial inorganic chemicals	334.72	348.38	320.17	44.1	45.9	46.2	7.59	7.59	6.93
Plastic materials & synthetics	323.67	309.07	270.76	42.7	41.1	40.9	7.58	7.52	6.62
Drugs	286.12	296.32	272.74	38.2	39.3	39.7	7.49	7.54	6.87
Soap, cleaners & toliet goods	289.92	290.56	291.97	45.3	45.4	48.5	6.40	6.40	6.02
Paints & allied products	273.03	265.88	264.45	39.8	39.1	41.0	6.86	6.80	6.45
Other chemical & allied products	305.87	321.93	299.44	41.9	43.8	44.1	7.30	7.35	6.79
Petroleum & coal products	411.10	419.03	368.07	44.3	45.3	42.7	9.28	9.25	8.62
Petroleum refining	429.53	439.93	381.56	44.1	45.4	41.7	9.74	9.69	9.15
Other petroleum & coal products	336.75	342.14	325.25	44.9	44.9	46.2	7.50	7.62	7.04
Rubber & misc. plastic products	239.34	242.78	237.38	39.3	39.8	41.5	6.09	6.10	5.72
Tires & inner tubes	381.04	398.00	388.97	44.0	45.8	48.5	8.66	8.69	8.02
Fabricated rubber products	285.09	276.49	257.23	44.2	43.0	42.8	6.45	6.43	6.01
Other rubber & plastic prods.,nec	195.45	198.07	191.78	37.3	37.8	39.3	5.24	5.24	4.88
Leather & leather products	164.55	166.27	147.02	38.9	39.4	37.6	4.23	4.22	3.91
Footwear, exc. rubber	151.58	150.86	132.85	37.8	38.0	36.1	4.01	3.97	3.68
Mens footwear, exc. athletic	168.09	163.21	145.36	40.7	40.7	39.5	4.13	4.01	3.68
Womens footwear, exc. athletic	146.15	148.93	122.91	37.0	37.8	33.4	3.95	3.94	3.68
Other footwear	138.69	138.25	128.06	35.2	35.0	34.8	3.94	3.95	3.68
Other leather & leather products	206.24	213.69	199.52	42.7	43.7	43.0	4.83	4.89	4.64
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	373.32	373.84	327.51	47.8	48.3	42.7	7.81	7.74	7.67
Bituminous coal & lignite mining	374.72	365.23	342.31	34.6	33.6	34.3	10.83	10.87	9.98
Nonmetallic minerals, exc. fuels	326.78	340.38	311.11	44.4	46.5	44.7	7.36	7.32	6.96
Communication	350.61	366.13	338.24	40.3	41.7	41.4	8.70	8.78	8.17
Electric, gas, & sanitary services	400.51	409.91	371.45	44.8	45.8	43.7	8.94	8.95	8.50
Electric services	412.19	429.39	379.22	47.0	48.3	45.8	8.77	8.89	8.28
Gas production & distribution	356.10	354.78	318.53	42.8	43.8	41.1	8.32	8.10	7.75
General merchandise stores	130.13	127.51	122.27	28.6	27.6	28.5	4.55	4.62	4.29
Banking	177.45	176.54	158.98	INA	INA	INA	INA	INA	INA
Insurance carriers	214.18	212.15	195.48	INA	INA	INA	INA	INA	INA
Life insurance	203.96	202.02	183.31	INA	INA	INA	INA	INA	INA
Fire, marine & casualty ins.	213.87	212.53	198.78	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$154.42	39.8	$3.88	$172.61	41.0	$4.21	$130.60	38.3	$3.41	$191.83	40.3	$4.76
1973	167.23	40.2	4.16	187.17	41.5	4.51	139.03	38.3	3.63	212.38	41.4	5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1978 Dec	270.95	40.5	6.69	306.08	41.7	7.34	216.55	38.6	5.61	368.87	41.4	8.91
1979 Jan	269.20	40.0	6.73	305.95	41.4	7.39	212.81	37.8	5.63	373.92	41.5	9.01
Feb	271.32	39.9	6.80	308.92	41.3	7.48	212.06	37.6	5.64	384.14	41.8	9.19
Mar	274.44	40.3	6.81	313.50	41.8	7.50	215.65	38.1	5.66	387.74	42.1	9.21
Apr	265.30	38.9	6.82	301.50	40.2	7.50	209.59	36.9	5.68	396.68	42.2	9.40
May	273.14	39.7	6.88	311.54	41.1	7.58	215.27	37.7	5.71	387.39	41.3	9.38
Jun	278.29	40.1	6.94	316.30	41.4	7.64	218.12	38.0	5.74	397.00	42.1	9.43
Jul	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep	285.51	40.1	7.12	323.42	41.2	7.85	225.00	38.2	5.89	407.12	41.5	9.81
Oct	284.57	39.8	7.15	323.05	41.1	7.86	224.37	37.9	5.92	397.39	40.8	9.74
Nov	294.19	40.3	7.30	334.98	41.6	8.05	230.78	38.4	6.01	425.60	41.2	10.33
Dec	292.47	39.9	7.33	331.28	41.0	8.08	230.89	38.1	6.06	422.28	40.8	10.35

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$168.47	41.7	$4.04	$183.17	42.4	$4.32	$161.57	40.8	$3.96	$180.59	40.4	$4.47
1973	182.68	41.9	4.36	198.77	43.4	4.58	167.69	40.8	4.11	197.69	41.1	4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1978 Dec	285.49	41.8	6.83	309.31	42.9	7.21	264.92	41.2	6.43	348.29	43.7	7.97
1979 Jan	278.94	40.9	6.82	302.74	42.4	7.14	259.84	40.6	6.40	345.06	42.6	8.10
Feb	281.11	40.8	6.89	306.00	42.5	7.20	260.58	40.4	6.45	339.81	41.9	8.11
Mar	287.04	41.3	6.95	310.17	42.9	7.23	264.68	41.1	6.44	341.88	42.0	8.14
Apr	261.23	38.7	6.75	286.63	40.2	7.13	250.63	39.1	6.41	311.65	39.4	7.91
May	288.23	41.0	7.03	303.47	41.8	7.26	261.55	40.3	6.49	333.33	41.0	8.13
Jun	288.36	40.5	7.12	309.33	42.2	7.33	264.31	40.6	6.51	334.15	41.0	8.15
Jul	282.80	40.0	7.07	303.99	41.7	7.29	260.95	39.9	6.54	334.55	40.7	8.22
Aug	283.60	40.0	7.09	312.28	42.2	7.40	256.71	39.8	6.45	341.04	40.6	8.40
Sep	286.80	40.0	7.17	318.33	42.5	7.49	271.62	40.3	6.74	350.26	41.5	8.44
Oct	292.66	40.2	7.28	321.73	42.5	7.57	273.91	40.4	6.78	355.28	41.7	8.52
Nov	299.30	41.0	7.30	329.84	43.4	7.60	283.73	41.3	6.87	349.76	41.1	8.51
Dec	299.80	40.9	7.33	322.75	42.3	7.63	280.95	40.6	6.92	348.80	40.7	8.57

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$149.48	40.4	$3.70	$113.08	39.4	$2.87	$ 94.24	33.9	$2.78	$170.33	38.8	$4.39
1973	158.36	40.5	3.91	120.43	39.1	3.08	99.71	33.8	2.95	180.81	38.8	4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1978 Dec	250.69	41.3	6.07	175.11	39.0	4.49	143.05	33.5	4.27	268.88	37.5	7.17
1979 Jan	243.01	40.1	6.06	174.72	38.4	4.55	140.28	32.7	4.29	254.51	36.1	7.05
Feb	240.34	39.4	6.10	171.00	37.5	4.56	141.57	33.0	4.29	252.74	35.9	7.04
Mar	247.02	40.1	6.16	178.87	38.8	4.61	140.91	33.0	4.27	258.09	36.3	7.11
Apr	242.09	39.3	6.16	173.58	37.9	4.58	137.03	31.5	4.35	245.70	35.1	7.00
May	248.00	40.0	6.20	180.11	38.9	4.63	139.54	32.3	4.32	254.54	35.8	7.11
Jun	248.58	39.9	6.23	182.82	39.4	4.64	143.77	32.9	4.37	256.68	36.0	7.13
Jul	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep	256.14	40.4	6.34	181.93	38.3	4.75	146.17	32.7	4.47	268.93	37.3	7.21
Oct	248.77	39.3	6.33	185.85	38.8	4.79	148.98	32.6	4.57	265.70	36.8	7.22
Nov	261.06	40.6	6.43	188.37	39.0	4.83	149.77	32.7	4.58	276.77	37.3	7.42
Dec	261.14	40.3	6.48	187.70	38.7	4.85	146.28	31.8	4.60	289.89	38.6	7.51

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1968	$119.20	40.0	$2.98	105.6	104.2	$114.40	$ 4.80
1969	127.52	40.1	3.18	112.7	109.8	116.14	11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
MANUFACTURING	987.4	992.1	993.7	39,361.9	40,021.5	40,235.6	288,649.3	291,993.4	269,087.9
DURABLE GOODS	603.7	606.6	599.6	24,757.1	25,218.8	25,018.3	200,182.6	203,032.9	183,703.7
NONDUR. GOODS	383.7	385.5	394.1	14,604.8	14,802.7	15,217.3	88,466.7	88,960.5	85,384.2

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1972	1,444.0	841.7	24.7	22.5	65.3	210.7	120.5	131.0
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,362.1	825.4	21.7	20.3	64.3	199.5	112.3	137.3
1978 Dec.	1,371.2	837.0	21.4	20.9	63.8	201.4	114.5	135.7
1979 Jan.	1,364.3	835.0	20.8	20.7	62.2	201.7	114.5	140.6
Feb.	1,363.4	837.0	20.8	20.8	61.3	202.1	114.6	140.9
Mar.	1,366.5	837.3	21.1	20.3	62.0	201.7	114.6	140.8
Apr.	1,365.5	836.8	21.7	20.2	62.5	201.6	114.9	141.2
May	1,368.4	841.8	21.8	20.0	63.4	202.2	114.6	140.8
Jun.	1,387.3	854.2	22.1	20.4	65.1	206.8	115.4	141.8
Jul.	1,374.3	849.5	21.7	19.7	64.9	206.5	113.5	140.2
Aug.	1,367.8	839.2	22.0	20.5	64.4	206.8	114.8	137.7
Sep.	1,376.5	849.7	21.8	20.8	63.7	204.4	114.6	140.9
Oct.	1,372.6	847.9	21.6	20.9	63.1	202.2	114.9	141.3
Nov.	1,368.3	845.0	21.1	20.8	62.5	201.6	114.7	139.9
Dec.	1,364.9	843.4	20.8	20.3	62.1	201.2	115.0	140.5

Year and Month	Electrical Equipment and Supplies	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1972	133.7	69.0	34.0	30.4	602.3	109.6	7.5	62.9
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	124.6	80.6	38.3	26.6	536.7	98.1	4.1	50.6
1978 Dec.	126.1	85.1	38.9	26.2	534.2	99.2	4.1	50.5
1979 Jan.	126.6	83.5	39.2	25.2	529.3	96.8	4.1	49.6
Feb.	126.6	84.6	39.5	25.6	526.4	94.1	4.0	49.1
Mar.	126.5	84.6	39.8	25.9	528.1	95.2	4.0	49.3
Apr.	127.4	81.3	39.9	26.1	528.7	95.6	3.9	49.1
May	127.6	85.5	39.9	26.0	526.6	94.6	3.9	49.2
Jun.	128.3	87.2	40.4	26.7	533.1	96.4	3.9	49.2
Jul.	129.3	87.2	40.0	26.5	524.8	96.5	3.8	47.8
Aug.	120.4	86.3	39.3	27.0	528.6	98.6	3.7	48.8
Sep.	129.1	88.2	39.4	26.8	526.8	98.9	3.6	48.4
Oct.	128.6	88.9	39.5	26.9	524.7	98.9	3.5	48.2
Nov.	129.4	89.1	39.6	26.3	523.3	98.0	3.5	48.4
Dec.	129.1	88.5	39.6	26.3	521.5	97.8	3.5	48.1

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)
Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1972	162.6	66.0	44.9	71.8	59.4	19.8	38.7	25.1
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	133.0	59.8	44.5	70.6	60.0	17.0	39.8	19.0
1978 Dec.	128.4	58.4	45.0	71.1	60.5	16.6	40.7	18.1
1979 Jan.	127.6	58.9	44.6	70.8	60.6	16.6	40.5	18.1
Feb.	129.6	59.2	44.1	70.4	60.1	16.5	40.6	17.9
Mar.	128.9	59.4	44.3	70.8	60.8	16.6	40.7	17.5
Apr.	129.3	58.8	44.8	70.8	60.9	16.9	40.4	17.0
May	127.8	57.4	44.3	70.9	61.1	17.1	40.5	17.2
Jun.	128.8	58.5	45.2	71.3	62.1	17.6	41.2	17.4
Jul.	123.6	55.6	45.2	71.0	62.3	17.6	40.9	16.1
Aug.	123.2	54.3	46.1	70.8	62.1	17.7	40.7	16.9
Sep.	123.2	54.7	45.6	70.8	61.5	17.4	40.7	16.7
Oct.	122.4	54.6	44.8	70.9	61.4	17.1	40.8	16.7
Nov.	121.5	54.2	44.4	71.6	61.4	17.3	40.7	16.5
Dec.	120.5	53.3	44.0	72.3	61.4	16.9	40.5	16.5

TABLE 12. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)
1967 = 100

Industry Group	1979		1978	1977	ANNUAL AVERAGE	
	Dec.	Nov.	Dec.	Dec.	1978	1977
EMPLOYMENT						
All Manufacturing	87.7	87.9	88.1	86.2	87.5	86.2
Primary Metals	78.5	78.7	78.6	76.8	77.8	77.9
Apparel	67.1	67.6	71.5	73.2	74.1	74.6
All Nonmanufacturing	129.3	129.4	128.8	125.3	126.7	123.5
Construction	103.5	109.3	106.1	99.2	107.6	101.3
Retail Trade	132.7	131.7	135.7	133.3	129.3	124.8
Services	151.5	152.0	147.3	142.1	144.9	140.8
Government	126.0	124.4	124.8	126.5	126.6	125.4

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN – BETHLEHEM – EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES MAJOR LABOR MARKET AREAS

(Per 100 Employees)

NOVEMBER 1979

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978
PENNSYLVANIA	1,368.3	2.2	2.9	2.3	1.3	1.9	1.5	0.8	0.8	0.6
ALLENTOWN-BETHLEHEM-EASTON	110.9	2.0	2.9	1.8	1.3	1.7	1.3	0.5	1.0	0.3
ALTOONA	13.2	2.0	2.0	2.1	0.6	1.6	0.4	1.3	0.3	1.5
ERIE	44.5	1.7	2.6	2.3	1.0	1.8	1.5	0.3	0.4	0.3
HARRISBURG	43.0	2.0	3.1	2.4	1.4	2.4	1.7	0.4	0.5	0.2
JOHNSTOWN	20.1	2.4	2.8	3.4	0.4	1.2	1.2	2.0	1.6	2.2
LANCASTER	59.5	2.9	3.2	3.1	2.4	2.8	2.5	0.3	1.3	0.4
NORTHEAST	70.2	2.8	4.6	3.5	1.4	1.8	1.6	1.2	2.5	1.7
SCRANTON	29.3	3.1	4.6	2.6	1.5	1.9	1.4	1.5	2.5	1.1
WILKES-BARRE-HAZLETON	36.4	2.6	4.3	2.8	1.2	1.5	1.3	1.1	2.4	1.3
PHILADELPHIA	456.6	2.2	3.0	2.3	1.6	2.1	1.7	0.5	0.6	0.5
PITTSBURGH	252.3	2.1	2.2	1.7	0.7	1.0	0.7	1.2	0.9	0.8
READING	54.8	2.3	3.5	2.7	1.6	3.0	2.2	0.6	0.4	0.3
WILLIAMSPORT	17.1	1.0	1.3	3.2	0.5	0.7	1.4	0.5	0.5	1.6
YORK	63.8	2.8	4.0	3.6	2.2	3.3	3.3	0.5	0.6	0.2

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978
PENNSYLVANIA	1,368.3	2.9	3.1	2.7	0.9	1.1	1.0	1.4	1.3	1.1
ALLENTOWN-BETHLEHEM-EASTON	110.9	2.7	2.6	1.9	0.7	1.0	0.8	1.7	1.2	0.7
ALTOONA	13.2	2.6	2.4	3.2	0.7	0.8	1.0	1.5	1.0	1.9
ERIE	44.5	2.7	3.2	3.8	0.7	1.1	0.9	1.4	1.1	2.1
HARRISBURG	43.0	2.4	4.1	2.2	1.1	1.5	1.2	0.8	1.9	0.2
JOHNSTOWN	20.1	2.1	2.9	2.8	0.5	0.6	0.7	1.4	2.0	0.8
LANCASTER	59.5	3.0	3.3	2.9	1.7	2.0	1.9	0.8	0.7	0.6
NORTHEAST	70.2	4.1	4.8	4.0	1.1	1.3	1.2	2.4	2.9	2.3
SCRANTON	29.3	2.6	3.5	3.0	1.0	1.3	1.1	1.2	1.8	1.5
WILKES-BARRE-HAZLETON	36.4	4.6	4.2	3.9	0.9	1.1	1.1	3.0	2.5	2.4
PHILADELPHIA	456.6	2.9	3.1	2.4	1.0	1.2	0.9	1.2	1.2	0.8
PITTSBURGH	252.3	2.2	3.0	2.3	0.4	0.6	0.5	1.3	1.7	1.2
READING	54.8	3.0	3.1	2.6	1.2	1.6	1.5	1.3	1.0	0.6
WILLIAMSPORT	17.1	2.0	2.1	2.7	0.3	0.4	0.8	1.4	1.4	1.6
YORK	63.8	3.6	3.8	3.4	1.8	2.2	2.1	1.3	0.8	0.7

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
PENNSYLVANIA	$292.47	$294.19	$270.95	39.9	40.3	40.5	$7.33	$7.30	$6.69
ALLENTOWN-BETHLEHEM-EASTON	292.59	295.60	261.80	38.6	39.1	38.5	7.58	7.56	6.80
ALTOONA	243.13	245.86	218.69	38.9	39.4	38.3	6.25	6.24	5.71
ERIE	302.21	303.12	275.22	41.8	42.1	41.7	7.23	7.20	6.60
HARRISBURG	282.08	283.66	254.34	41.3	41.9	40.5	6.83	6.77	6.28
JOHNSTOWN	316.32	312.00	281.08	39.1	39.0	39.7	8.09	8.00	7.08
LANCASTER	266.27	263.96	246.69	41.8	41.7	41.6	6.37	6.33	5.93
NORTHEAST	209.44	207.38	192.38	37.4	37.5	37.5	5.60	5.53	5.13
SCRANTON	218.67	214.50	205.71	39.4	39.0	40.1	5.55	5.50	5.13
WILKES-BARRE-HAZLETON	201.35	201.08	181.09	35.7	36.1	35.3	5.64	5.57	5.13
PHILADELPHIA	295.71	292.63	278.92	40.9	40.7	41.2	7.23	7.19	6.77
PITTSBURGH	356.33	364.62	326.82	40.4	41.2	40.7	8.82	8.85	8.03
READING	271.95	270.86	241.25	39.7	39.6	39.1	6.85	6.84	6.17
WILLIAMSPORT	262.19	267.47	245.23	38.9	40.1	40.4	6.74	6.67	6.07
YORK	256.04	257.84	252.88	41.7	42.2	42.5	6.14	6.11	5.95

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	Dec. 1979		Nov. 1979		Dec. 1978	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	5.6	5.9	5.6	5.8	5.6	5.9
PENNSYLVANIA	6.6	7.3	6.9	7.5	6.0	6.7
ALLENTOWN-BETH-EASTON	6.7	7.1	6.3	7.1	5.2	5.5
ALTOONA	8.4	8.5	8.8	9.7	8.2	8.2
ERIE	7.4	7.5	7.5	8.2	6.6	6.7
HARRISBURG	4.6	5.0	5.0	5.6	3.9	4.2
JOHNSTOWN	9.0	9.0	9.0	10.2	9.1	9.2
LANCASTER	4.1	4.4	4.5	5.3	3.7	4.0
NORTHEAST	9.2	9.0	8.8	9.6	8.4	8.3
SCRANTON	8.4	8.0	7.9	8.7	7.7	7.5
W BARRE-HAZLETON	9.5	9.8	9.1	10.1	8.8	9.1
PHILADELPHIA	6.0	6.6	6.5	7.0	6.1	6.8
PITTSBURGH	5.7	5.9	5.9	6.4	5.0	5.2
POTTSVILLE	10.5	-	9.3	-	8.2	-
READING	5.1	6.3	5.4	6.4	3.9	4.9
UNIONTOWN-CONNELLSVLE	9.8	-	10.1	-	7.9	-
WILLIAMSPORT	10.7	10.9	11.0	12.0	7.1	7.4
YORK	5.0	5.3	5.2	5.9	4.0	4.3

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
UNITED STATES	103,884.0	103,719.0	101,632.0	98,047.0	97,943.0	95,906.0	5,836.0	5,776.0	5,725.0
PENNSYLVANIA	5,348.0	5,375.0	5,347.0	4,993.0	5,006.0	5,026.0	355.0	369.0	320.0
ALLENTOWN-BETH-EASTON	305.5	302.5	299.5	285.1	283.5	284.0	20.5	19.0	15.5
ALTOONA	58.8	59.3	57.0	53.8	54.1	52.3	5.0	5.2	4.7
ERIE	127.7	127.5	125.8	118.2	118.0	117.6	9.5	9.5	8.3
HARRISBURG	215.6	217.2	217.6	205.6	206.3	209.1	10.0	10.9	8.5
JOHNSTOWN	109.3	110.9	107.9	99.5	100.9	98.1	9.8	10.0	9.8
LANCASTER	176.9	177.9	174.5	169.6	169.9	168.0	7.2	8.0	6.5
NORTHEAST	285.2	285.8	284.1	259.0	260.7	260.3	26.1	25.0	23.9
SCRANTON	104.5	104.7	104.3	95.7	96.4	96.2	8.8	8.3	8.1
W BARRE-HAZLETON	154.1	154.4	153.7	139.5	140.4	140.2	14.6	14.0	13.5
PHILADELPHIA	2,136.2	2,136.1	2,124.6	2,009.1	1,996.5	1,994.8	127.1	139.6	129.8
PITTSBURGH	1,013.6	1,020.9	1,004.7	955.5	960.6	954.1	58.1	60.4	50.6
POTTSVILLE	67.6	66.1	68.1	60.5	60.0	62.6	7.1	6.1	5.6
READING	156.6	157.0	151.0	148.6	148.6	145.1	8.0	8.4	5.9
UNIONTOWN-CONNELLSVLE	59.1	58.7	61.0	53.3	52.8	56.2	5.8	6.0	4.8
WILLIAMSPORT	55.0	56.0	54.6	49.2	49.8	50.7	5.9	6.2	3.9
YORK	171.1	172.4	169.6	162.6	163.5	162.9	8.5	8.9	6.7

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	Nonagricultural Wage and Salary			Private Sector *		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
UNITED STATES	91,179.0	90,908.0	88,893.0	75,241.0	74,993.0	73,206.0
PENNSYLVANIA	4,751.0	4,754.4	4,740.3	4,027.4	4,042.7	4,027.2
ALLENTOWN-BETHLEHEM-EASTON	263.6	263.0	262.0	233.7	233.3	231.5
ALTOONA	52.5	52.8	51.9	45.3	45.5	44.7
ERIE	117.0	116.7	116.4	102.4	102.4	101.9
HARRISBURG	212.9	213.6	216.9	157.5	157.9	160.2
JOHNSTOWN	89.4	90.6	88.1	73.7	74.3	73.2
LANCASTER	152.1	152.1	150.8	136.6	136.8	135.6
NORTHEAST	240.3	242.1	241.4	200.3	201.5	202.5
SCRANTON	87.4	88.5	87.4	75.6	76.4	75.7
WILKES-BARRE-HAZLETON	124.2	124.5	125.3	104.1	104.1	106.4
PHILADELPHIA	1,920.2	1,917.4	1,907.5	1,616.8	1,615.7	1,610.3
PITTSBURGH	945.9	951.6	945.4	823.2	829.2	826.1
POTTSVILLE	47.7	47.3	49.3	39.7	39.1	41.7
READING	142.7	143.0	139.6	125.0	125.3	122.3
UNIONTOWN-CONNELLSVILLE	35.9	35.6	37.8	29.3	28.9	31.0
WILLIAMSPORT	48.7	49.4	50.3	41.8	42.5	43.2
YORK	154.4	155.0	154.9	132.5	133.1	133.9

Area	Manufacturing			Nonmanufacturing		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
UNITED STATES	20,975.0	20,974.0	20,902.0	70,204.0	69,934.0	67,991.0
PENNSYLVANIA	1,364.9	1,368.3	1,371.2	3,377.1	3,379.8	3,363.6
ALLENTOWN-BETHLEHEM-EASTON	110.6	110.9	110.5	153.0	152.1	151.5
ALTOONA	13.1	13.2	13.2	39.4	39.6	38.7
ERIE	44.5	44.5	44.5	72.5	72.2	71.9
HARRISBURG	43.0	43.0	42.7	169.8	170.0	173.9
JOHNSTOWN	20.0	20.1	20.2	69.4	70.5	67.9
LANCASTER	59.5	59.5	59.9	92.6	92.6	90.9
NORTHEAST	69.2	70.2	71.3	170.5	170.6	169.9
SCRANTON	28.4	29.3	28.5	58.6	58.6	58.9
WILKES-BARRE-HAZLETON	36.3	36.4	38.2	87.7	87.5	86.9
PHILADELPHIA	456.6	456.6	454.1	1,462.4	1,460.2	1,453.1
PITTSBURGH	250.2	252.3	252.8	694.7	698.0	691.9
POTTSVILLE	20.0	19.9	21.1	27.7	27.2	28.2
READING	54.7	54.8	54.5	88.0	88.2	85.1
UNIONTOWN-CONNELLSVILLE	8.2	8.3	8.3	27.7	27.3	29.5
WILLIAMSPORT	16.9	17.1	18.4	31.8	32.3	31.9
YORK	63.1	63.8	64.4	88.3	88.2	88.2

* Excludes Government employment